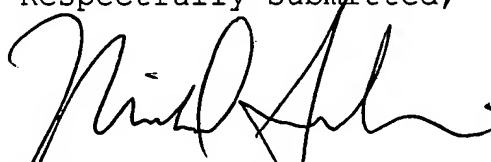


REMARKS

The previous claims 1-42 have been replaced by new claims 43-72. The new claims all contain the same common special technical feature, which is a piezoelectric (Pz) crystal for detecting an infectious agent associated with two particular veterinary diseases, *Salmonella enteritidis* (SE) or PRRSV disease. The cited art, including the Bastiaans '906 patent, does not teach or suggest using a Pz crystal for detecting an infectious agent associated with a veterinary disease, and more specifically an infectious agent associated with SE or PRRSV disease. In particular, none of the art of record refers to the specific advantages of using such a sensor for veterinary applications. Some of these advantages are described on page 6, lines 21-26, of the application and include the possibility of rapid on-site testing of samples and the real-time display of results. Testing for the infectious agents recited in the claims is not taught or suggested by the art.

Respectfully submitted,

By



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